



Our Focus is in Plastics

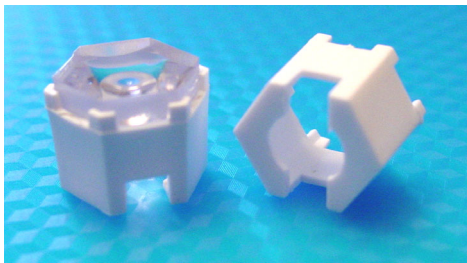
Polymer Optics Ltd.

6 Kiln Ride, Wokingham,
Berks., RG40 3JL, England
Tel/Fax: +44 (0) 1189 893341
www.polymer-optics.co.uk

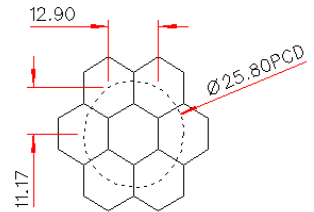
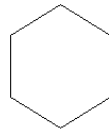
6 Degree LED Collimator Lens - Part No. 120



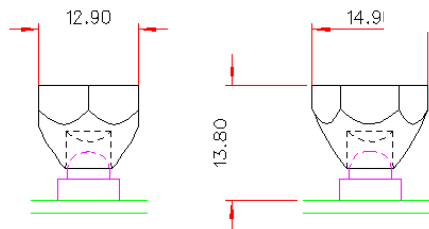
- Designed for Seoul Semiconductor Z Power P3 and P4 Emitter and Star LED's
- High light collection efficiency of >85%
- Precision moulded in optical grade Polycarbonate for thermal stability and system durability
- Part of the Polymer Optics "Modular LED Optics"[®] range



Typical dimensional tolerances
to +/-0.2mm



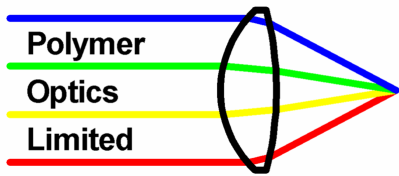
NESTED COMPONENTS ON 25,8MM PCD
(ACTUAL SIZE)



Polymer Optics "Modular LED Optics"[®] design, based on a hexagonal format, allows maximum packing density and assembly flexibility

Holder (Part No. 155) available for mounting optics onto the P3 and P4 High Power LED package.

Please refer to POL's "Seoul Semiconductor LED Optic Product Range" brochure to determine the best optical function for your product application.

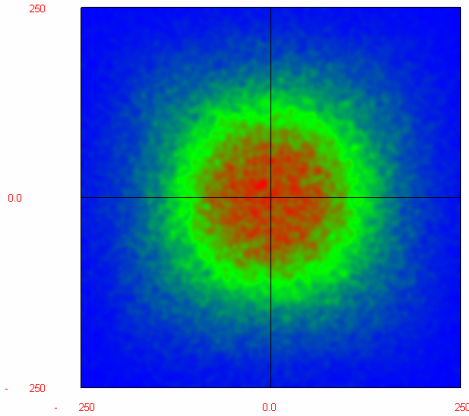


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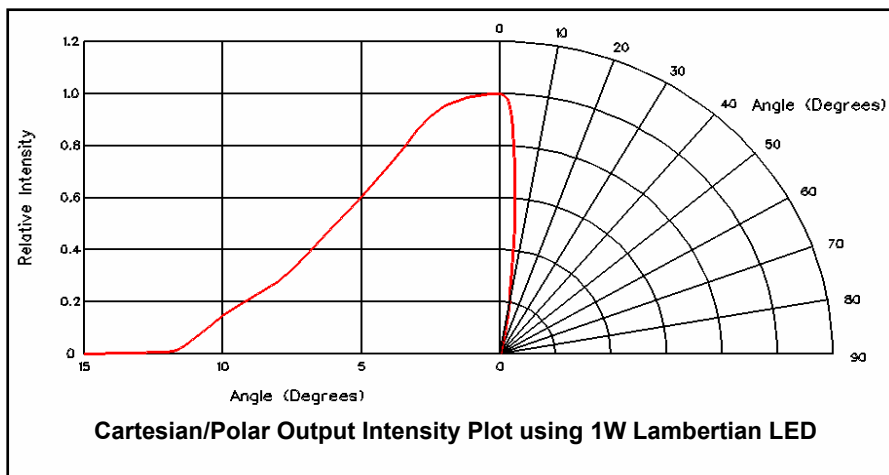
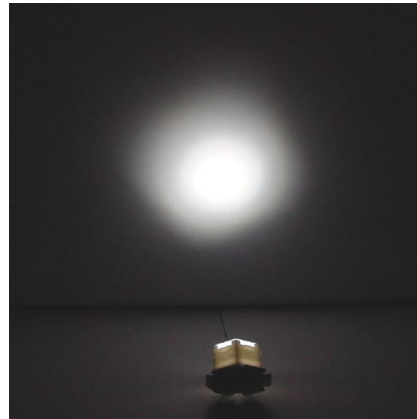
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Raytrace Simulation of Typical Beam at 1m with 1W White LED



Typical illuminance values using 1W 25 lumen white LED = 16cd/lumen			
Range	0.5m	1m	2m
Illuminance	1600 lux	400 lux	100 lux

Performance values given are typical values and will vary dependant on LED binning, colour and drive profile